

Product datasheet for **SC337333**

PPFIBP2 (NM_001256569) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPFIBP2 (NM_001256569) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPFIBP2
Synonyms:	Cclp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001256569, the custom clone sequence may differ by one or more nucleotides

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ATGGGAAAGTTAATAACAAGGATGTGGAAGCTATTGAGGAGACGGAGTGC GCCTAAAGAGCTGCTAAGCC
GCACATCTCTTGAGACCCAGAAGCTCGATCTGATGACTGAAGTGTCTGAGCTGAAGCTCAAGCTGGTTGG
CATGGAGAAGGAGCAGAGAGAGCAGGAGGAGAAGCAGAGAAAAGCAGAGGAGTTACTGCAAGAGCTCAGG
CACCTCAAAATCAAAGTGGAAAGAGTTGGAAAATGAAAGGAATCAGTATGAATGGAAGCTAAAGGCCACTA
AGGCTGAAGTCGCCCAGCTGCAAGAACAGGTGGCCCTGAAAGATGCAGAAATTGAGCGTCTGCACAGCCA
GCTCTCCCGGACAGCAGCTCTCCACAGTGAGAGTCACACAGAGAGAGACCAAGAAATTCAACGTCTGAAA
ATGGGGATGGAACTTTGCTGCTTGCCAAATGAAGATAAGGACCGTCGGATAGAGGAGCTTACGGGGCTGT
TAAACCAAGTACCGGAAGGTAAAGGAGATTGTGATGGTCACTCAAGGGCCTTCGGAGAGAACTCTCTCAAT
CAATGAAGAAGAACCGGAGGGAGGTTTCAGCAAGTGGACGCTACAAATAAGGACCTGAAGAATTATTT
AAACAAGAGATGCCTCAAGATGTAGCTCTCTACAGTGGGGCCACCTCCATTGCCACAGAAATCACTGG
AAACCAGGGCTCAGAAAAAGCTCTCTTGTAGTCTAGAAGACTTGAGAAGTGAATCTGTGGATAAGTGAT
GGATGGGAACCAAGCCCTTCCCGGTGTTAGAACCAAGGACAGCCCTTTCTTGGCGGAGCAGCAAAATATCCC
ACTTTACCTGGGAAGCTTTCAGGAGCCACGCCCAATGGAGAGGCTGCCAAATCTCTCCACCACATCTGCC
AGCCTGACGCCACGGGGAGCAGCTGCTGAGGCTGAGAGACACAGAAAGTGGCTGGGACGACACTGCTGT
GGTCAATGACCTCTCATCCACATCATCGGGCACTGAATCAGGTCCTCAGTCTCTCTGACACCAGATGGT
AAACGGAATCCCAAGGCATTAAAGAGTTCTGGGGAAAAATCCGAAGAACTCAGTCAGGAAATTTCTACA
CTGACACGCTGGGGATGGCAGAGTTTCGACGAGGTGGGCTCCGGGCAACCGCAGGGCCAAGACTCTCTAG
GACCAGGGACTCCAAGGGACAGAAAAGTGACGCCAATGCCCTTTGCCAGTGGAGCACAGAGCGTGTG
TGTGCATGGCTGGAGGACTTTGGCTGGCTCAGTATGTGATCTTTGCCAGGCAGTGGGTATCTTCTGGCC
ACACCTTATTGACAGCCACCCCTCAGGACATGGAAAAGGAGCTAGGAATTAAGCACCCACTCCACAGGAA
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TGGGTGACAAGGTGGCTTGATGATATTGGCTTACCCCACTACAAAGACCAGTTTCATGAATCTAGAGTTG
ACGGACGAATGCTGCAATACCTAAGTGAACGATTTACTCTTCTTAAAGTACCAGCCAACTACATCA
TCTCAGCATCAATGTGCCATTACGTGCTGCATGTCAACAAGTTCAACCCCACTGCCTGCACCGGCGG
CCAGCTGATGAGAGTAACCTTTCTCTCAGAAGTTGTACAGTGGTCCAACCACAGGGTGTGGAGTGGT
TACGATCTGTGGACCTGGCAGAGTATGCACCAATCTTCGAGGGAGTGGAGTCCATGGAGGCCTCATTAT
CCTGGAGCCACGCTTCACTGGGGACACCTGGCTATGCTTCTCAACATCCCCCAGAAAAGACGCTCCTC
AGGCGCCACCTGACCACCAAGTTCAATGCCTTGATTGGTCCGGAGGCTGAACAGGAGAAGCGAGAGAAAA
TGGCCTCACCAGCTTACACCACTGACCACCACAGCCAAAGTCCGGCCAAGGAACTAGGATTTTCACA
CTTCGGAACATAAGAAAAAGAGTTTCGATGAATCGACGGACTACATTTGCCCAATGGAGCCAGTGAC
GGTGTCAGTGATAGTCACAGGTCTACAGTGGCTACCGGGGCTCAGCCCCCTTGATGCCCTGAAGTGG
ATGGGCTGGACCAAGTGGGACAGATTAGCTGA
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001256569

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001256569.1</u> , <u>NP_001243498.1</u>
RefSeq Size:	2974 bp
RefSeq ORF:	2202 bp
Locus ID:	8495
Cytogenetics:	11p15.4
Gene Summary:	This gene encodes a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. The encoded protein is a beta liprin and plays a role in axon guidance and neuronal synapse development by recruiting LAR protein-tyrosine phosphatases to the plasma membrane. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to isoform 1.